

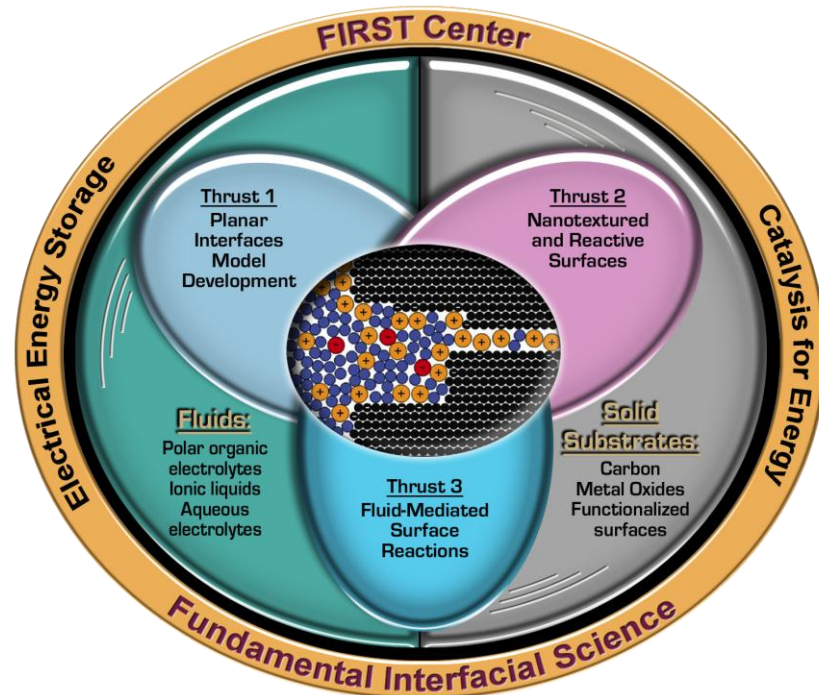


U.S. DEPARTMENT OF
ENERGY

Fluid Interface Reactions, Structures and Transport (FIRST) Center

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The goal of the FIRST Center is to develop quantitative and predictive models of the unique nanoscale environment at the interface between fluids and solids in order to achieve transformative advances in electrical energy storage and catalysis for energy applications.



RESEARCH PLAN AND DIRECTIONS

Our multidisciplinary team will integrate advanced neutron and X-ray scattering, spectroscopies, experiments, syntheses and multiscale molecular modeling to provide a predictive capability for controlling and designing new interfacial systems for 21st century energy needs.